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DETERMINATION OF MEAN FIBRE LENGTH AND  
THE DISTRIBUTION OF FIBRE LENGTH IN PAPER  
PULPS. [1964] [14p]  
Order from SLA \$1.60

TT-64-10965

Trans. of Zellstoff und Papier (East Germany) 1963,  
v. 12, no. 1, p. 4-10.

(Materials--Paper, TT, v. 11, no. 12)

TT-64-10965

I. Unger, E.  
II. Unger, E. W.

253458

Office of Technical Services

Unger, E.  
STRENGTH EVALUATION OF PAPER AND PAPER  
PRODUCTS UNDER CONSIDERATION OF TEAR AND  
EDGE TEARING STRENGTH. [1961] [17]p. 8 refs.  
Order from SLA mi\$2.40, ph\$3.30 61-10890

Trans. of Zellstoff und Papier (Germany) 1960, v. 9,  
no. 3, p. 99-110.  
Another translation is available from SLA mi\$2.40,  
ph\$3.30 as 60-18471, Aug 60, 13p.

The relationships between tensile strength and internal  
tear strength are discussed.

(Materials--Paper, TI, v. 5, no. 11)

61-10890

1. Wood pulp--Test methods
2. Paper--Mechanical proper-  
ties
1. Unger, E.

Office of Technical Services

Transistorized Telemetering Circuit Using a  
Frequency Conversion Method, by P. Hoegner,  
E. Unger. UNCLASSIFIED

GERMAN, per, Arch Tech Messen, No 10, Oct 1957,  
pp 221-224.

RAE 732

Sci - Electronics  
Oct 58

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Unger, E. and Unger, E. W.

A CONTRIBUTION TO A RAPID METHOD FOR THE  
DETERMINATION OF MEAN FIBRE LENGTH AND  
THE DISTRIBUTION OF FIBRE LENGTH IN PAPER  
PULPS. [1964] [14p]

Order from SLA \$1.60

TT-64-10968

Trans. of Zellstoff und Papier (East Germany) 1968,  
v. 12, no. 1, p. 4-10.

(Materials--Paper, TT, v. 11, no. 12)

TT-64-10968

I. Unger, E.  
II. Unger, E. W.

183458

Office of Technical Services

(NY 4233)

Status of Powder-Metallurgy Manufacture of  
Sintered Iron Shapes and Sintered Metal Bearings,  
by Theodor Brueggemann, Gerhard Unger, 8 pp.

GERMAN, per, Neue Huette, Vol V, No 2, Leipzig,  
1960, pp 118-121.

JPRS 5922

EFur - Germany

Econ

131,639

Nov 60

Unger, Hans-Georg.

~~THE CALCULATION OF RIDGE WAVE GUIDES.~~

[1962] 12p. 4 refs.

Order from SLA \$1.60

63-10248

Trans. of Archiv der Elektrischen Übertragung (West Germany) 1955, v. 9, no. 4, p. 157-161.

DESCRIPTORS: \*Waveguides, Electrical properties, Design.

This paper calculates the cutoff frequency and characteristic impedance of cross sections of ridge wave guides for which the known formulas are no longer applicable, and gives thus design data for ridge wave guides of any desired cross section. For completeness the known calculations are also shown in a co-ordinated form. Numerical evaluations show that by the use of suitable cross sections the cutoff frequency and characteristic impedance can be varied within wide limits. (Engineering--Electronic, TT, v. 9, no. 10)

63-10248

I. Unger, H.-G.

63-10248

Office of Technical Services

Methodes de mesures de l'humidite du sol a  
l'aide de nuclides radioactifs, by K. Unger,  
26 pp.

GERMAN to FRENCH, per, Kernenergie, Vol VI,  
1963, pp 465-477.

Reverse Translation  
CEA-A-1704

Sci  
Nov 64

On Semi-Oxanazide, by Wilhelm Kerp,  
Kar Unger, 9 pp.

GERMAN, per, Chemische Berichte, Vol XXX,  
1897, pp 586-593. 9689436

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Sci - Chem  
Dec 63

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Results of the Industrial Price Survey, by  
Herbert Ringel and Klaus Unger, 11 pp.  
GEMAH, per, Deutsche Finanzwirtschaft, Vol.  
10, No 23, Jan 1966, pp 4-7.  
JPRS 20450

SE-E. Germany

Box

Mar 66

*p 18*  
Klaus Unger

275,47

Contribution to the Reduction Behavior of  
Several Alkyl and Cyphen Compounds in  
Fractional Hot Vacuum Extraction in a  
Carbon Crucible, by H. Benesch,

64

K.D. Unger.

Chem. Abstr., Arch. Eisenh. Vol 30,  
No. 1159, pp 549-552.  
1951 1325

*K.D. Unger*

001/001  
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265,725

Contribution to the Reduction Behaviour of  
Several Oxides and Oxide Compounds at the  
Fractionated Hot Vacuum Extraction in a Carbon  
Crucible, by H. Schenck, K. D. Unger. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Sep 1959,  
pp 549-552.

BIBI 1523

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Sci - Chem  
Mar 60



UNITING OF THE INTER-LINKED ELECTRIC POWER  
SYSTEMS OF THE EUROPEAN SOCIALIST STATES, BY  
L. UNDER, 13 PP.

GERMAN, PER, ENERGIETECHNIK, NO 1, 1963, PP 2-7

APR 1963

EEUR + SOV BLOC  
ECON.  
APR 63

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TASKS OF THE POWER PRODUCING INDUSTRY FOR STRENGTHEN-  
ING THE GERMAN DEMOCRATIC REPUBLIC, BY L. UNGER,  
11 PP.

GERMAN, PER, ENERGIETECHNIK, VOL 12, NO 7, 1962,  
PP 289-295.

JPRS 15333

XX EE - GERMANY  
ECON  
OCT 62

213,847

Tasks of the Power Industry for Strengthening  
the Economic Basis of the German Democratic Republic,  
by L. Unger, 20 pp.

GERMAN, per, Energietechnik, Vol XII, No 8, 1962,  
pp 337-345.

JPRS 15677

EEur - Germany  
Econ.  
Nov 62

215,837

Setec

(NY-4002).

Development of the Fuel and Power Economy During  
the East German Seven-Year Plan, by L. Unger,  
15 pp.

GERMAN, per, Energietechnik, No 1, 1960, pp 1-5.

JPRS 5347

EEur - Germany

Econ - Fuels, Power

Aug 60

123,882

(MX-5384)

Development of GDR Power Industry During the First  
Year of the Seven-Year Plan, by L. Unger, 31 pp.

GERMAN, per, Energietechnik, Vol X, No 8, 1960,  
pp 329-335, 372-376.

JPRS 7752

EEur - Germany

Econ

Feb 61

140,614

Unger, Leopold.

THE USE OF RADIOACTIVE ISOTOPE FOR FLOW INVESTIGATIONS IN GLASS MELTING TROUGHS (Anwendung Radioaktiver Isotope zu Strömungsuntersuchungen in Glasechmelzwannen). Lecture at Glastechnical Convention (no. 34) Berlin, 4 May 60. [1963] [17 p. (foreign text included) 5 refs. Order from SLA \$1.60

63-14066

Trans. of Glastechnische Ber[ichte] (West Germany) 1960, v. 33, no. 11, p. 416-421.

DESCRIPTORS: \*Glass, \*Radioactive isotopes, Melting, Fluid flow, Test equipment, Industrial equipment.

Flow investigations on glass melting troughs with radioactive substances are described. The advantages of this procedure consist in that the demonstration of the radioactive material is very sensitive, the measure- (Materials--Ceramics, TT, v. 10, no. 5) (over)

63-14066

I. Unger, L.

1242657

Office of Technical Services

Unger, Leopold.  
DETERMINATION OF THE HEAT CONTENT AND  
THE AVERAGE TEMPERATURE OF BOTTLES  
DURING THE SHAPING PROCESS (Bestimmung des  
Wärmeinhaltes und der Mittleren Temperatur von  
Flaschen Während des Formgebungsprozesses).  
[1960] [20]p. 4 refs.  
Order from SLA ml\$2.40, ph\$3.30 61-10304

Trans. of Glastechn[ische] Ber[ichte] (West Germany)  
1959, v. 32, no. 4 [p. 153-157].

A calorimeter was developed which permits to deter-  
mine the heat content of the glass to be processed,  
and meets the more rugged operational conditions  
without having to incur an important loss in precision.  
Measurements were made with the calorimeter at  
various types of glass and various machines. It was  
found that the escape of heat in the preliminary shape  
is almost the same with all types of machines,  
whereas the release of heat in the finished shape is  
(Materials--Ceramics, TT, v. 5, no. 8) (over)

61-10304

1. Glass--Temperature  
1. Unger, L.

ATS-67/15:G

Office of Technical Services

Unger, U.

THE USE OF ALUMINIUM SULPHATE AS FLOC-  
CULANT IN EFFLUENT PURIFICATION. [Apr 63] 6p.  
Order from SLA \$1.10 63-18283

Trans. of Wochenblatt für Papierfabrikation  
(West Germany) 1962, v. 90, no. 23/24, p. 1265-1271.

DESCRIPTORS: \*Aluminum compounds, \*Sulfates,  
Chemical precipitation, \*Wastes (Industrial), \*Purifica-  
tion, Wastes (Sanitary engineering), Economics.

(Engineering--Sanitation, TT, v. 10, no. 8)

63-18283

I. Unger, U.

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